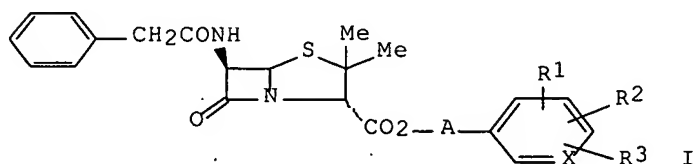


L31 ANSWER 34 OF 66 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1993:670907 HCAPLUS Full-text
 DOCUMENT NUMBER: 119:270907
 TITLE: Penicillin G esters
 INVENTOR(S): Takahashi, Satoru; Yamamura, Atsushi; Hayashida, Hisashi; Takagi, Hirofumi; Kaneda, Shigeo
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: **Patent**
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9308196	A1	19930429	WO 1992-JP1327	19921012 <--
W: CA, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
PRIORITY APPLN. INFO.:			JP 1991-332994	A 19911015 <--
			JP 1992-119989	A 19920413 <--
			JP 1992-119990	A 19920413 <--
			JP 1992-154401	A 19920520 <--
OTHER SOURCE(S):	MARPAT 119:270907			
GI				

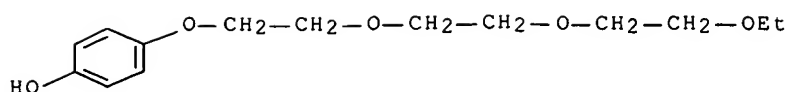


AB Title compds. I (A = single bond, CH₂CO, CH₂O, CH₂S; X = N, CH; R₁ = alkanoyloxy, alkanoyloxyalkyl, benzoyloxy, benzoyloxyalkyl, cyclopropylcarbonyloxyalkyl, cyclohexylcarbonyloxyalkyl, alkoxyalkoxy, alkoxyalkoxyalkoxy, cyanoalkanoyloxyalkyl, chloroalkanoyloxyalkyl, aminomethyl, morpholinylmethyl, piperidylmethyl, hydroxymethyl, morpholinyl, etc.; R₂ = H, alkoxy, alkanoyloxy; R₃ = H, alkyl), useful as preventive or curative agents for fish diseases, were prepared Treatment of penicillin G 3-(hydroxymethyl)phenyl ester with AcCl and Et₃N in CH₂Cl₂ gave penicillin G 3-(acetoxymethyl)phenyl ester (II). II should bactericidal activity in fish superior to that of penicillin G potassium salt.

IT 151288-05-0P 151288-06-1P 151288-10-7P
 151288-12-9P 151288-14-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of)

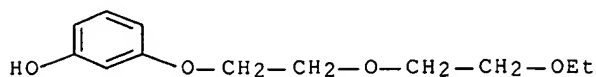
RN 151288-05-0 HCAPLUS

CN Phenol, 4-[2-[2-(2-ethoxyethoxy)ethoxy]ethoxy]- (9CI) (CA INDEX NAME)



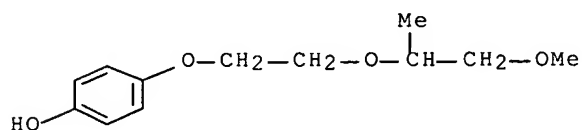
RN 151288-06-1 HCAPLUS

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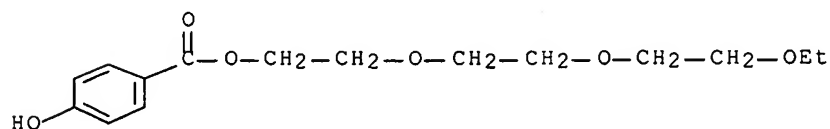
RN 151288-10-7 HCAPLUS

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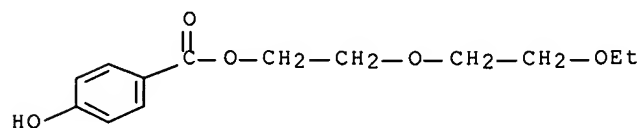
RN 151288-12-9 HCAPLUS

CN Benzoic acid, 4-hydroxy-, 2-[2-(2-ethoxyethoxy)ethoxy]ethyl ester (9CI)
(CA INDEX NAME)



RN 151288-14-1 HCAPLUS

CN Benzoic acid, 4-hydroxy-, 2-(2-ethoxyethoxy)ethyl ester (9CI) (CA INDEX NAME)



IT 54872-04-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

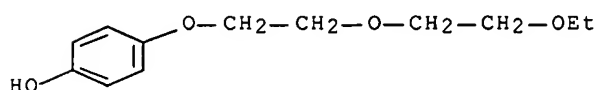
10/525,290

March 9, 2007

(preparation and reaction of, with penicillin G potassium salt)

RN 54872-04-7 HCAPLUS

CN Phenol, 4-[2-(2-ethoxyethoxy)ethoxy]- (9CI) (CA INDEX NAME)

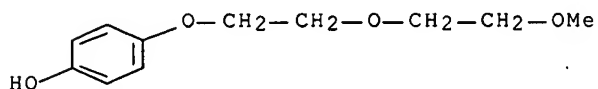


IT 30311-35-4P 151288-01-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 30311-35-4 HCAPLUS

CN Phenol, 4-[2-(2-methoxyethoxy)ethoxy]- (9CI) (CA INDEX NAME)



RN 151288-01-6 HCAPLUS

CN Phenol, 4-[2-[2-(hexyloxy)ethoxy]ethoxy]- (9CI) (CA INDEX NAME)

